

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	537	(381/370,375,376,381).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 16:48
S4	12	"plantronics".AS. and wireless	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 15:48
S5	4	wireless adj2 headset same antenna same (tube or tubing)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 16:56
S6	9	wireless adj2 headset same antenna same (tube or tubing or cable)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 15:50
S7	1125	(455/575.1,90.3).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/06/28 14:25
S8	2	voice adj2 tube near3 antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 16:47
S9	0	(455/575.1,90.3)".ccls" and headset	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 15:53
S10	66	(455/575.1,90.3).ccls. and headset	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 16:09
S11	74	headset adj3 antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 16:08
S12	9	("3862378"   "4020297"   "4090042"   "4273969"   "4617431"   "4864610"   "5210792"   "5590417"   "5757944").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/23 16:23
S13	8	headset same (internal near3 antenna)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/06/28 14:27
S14	31	(455/575.1,90.3).ccls. and internal adj2 antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 16:25
S15	24	antenna near3 integrated near3 (tube or tubing or cable or boom)	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/23 16:24
S16	226	("455"/\$).ccls. and antenna adj2 integrated	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 16:26

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S17	3030	(tube or tubular or cable )adj2 antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 16:48
S18	0	(381/370,375,376,381)".ccls" and antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 16:49
S19	51	(381/370,375,376,381).ccls. and antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 16:49
S20	64	wireless adj2 headset same antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 17:45
S21	22	stainless adj2 steel adj2 antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 17:50
S22	38	stainless adj2 steel near2 antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 18:06
S23	3	("5949377").URPN.	USPAT	OR	OFF	2004/11/23 18:05
S24	94	stainless adj2 steel near3 antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 18:11
S25	1141	metal\$3 adj2 antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 18:17
S26	46	(metal\$3 adj2 antenna) same wireless	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 18:12
S27	2	(metal\$3 adj2 antenna) same headset	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 18:12
S28	93	metallic adj2 material near3 antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 18:30
S29	0	plastic adj2 voice adj3 (tube or tubing)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 18:30
S30	0	nonmetallic same voice adj3 (tube or tubing)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 18:31
S31	965649	plastic or rubber same voice adj3 (tube or tubing)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 18:31
S32	12	(plastic or rubber) same voice adj3 (tube or tubing)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 18:44

## EAST Search History

S33	1088	(spiral or helic) adj3 antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 18:45
S34	991	(spiral or helic) adj2 antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 18:45
S35	1	(spiral or helic) adj2 antenna and headset	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/11/23 18:45
S36	4	((("20010036291") or ("20040204155") or ("4917504") or ("5350638"))).PN.	US-PGPUB; USPAT	OR	OFF	2004/11/23 19:06
S37	6	burson.in. and tube	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/07/08 13:24
S38	136	"plantronics".AS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/07/08 13:23
S39	112	burson.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/07/08 14:24
S40	7	(voice adj2 tube) same antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/07/08 14:24
S41	0	("antennanear2(withinin)near2(wall thickness)near3(boomtube)").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/06/28 11:39
S42	1	antenna near2 (within in) near2 (wall thickness) near3 (boom tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/06/28 15:01
S43	2	((("7110535") or ("7146006"))).PN.	USPAT	OR	OFF	2007/06/28 13:55
S44	19	("20020110249"   "20020164042"   "4654883"   "4688262"   "4897873"   "5210791"   "5359647"   "5504812"   "5708724"   "5708725"   "5787166"   "5793865"   "5793878"   "6016347"   "6052567"   "6055312"   "6230029"   "6269259"   "6396935").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/28 13:57

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S45	19	("20020110249"   "20020164042"   "4654883"   "4688262"   "4897873"   "5210791"   "5359647"   "5504812"   "5708724"   "5708725"   "5787166"   "5793865"   "5793878"   "6016347"   "6052567"   "6055312"   "6230029"   "6269259"   "6396935").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/28 14:13
S46	17	antenna near2 (wall thickness) near3 (boom tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/06/28 14:25
S47	312	(455/575.2).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/06/28 15:05
S48	593	(379/430).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/06/28 14:25
S49	0	S48 and antenna near3 (wall thickness) near3 (boom tube tubing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/06/28 14:26
S50	0	S47 and antenna near3 (wall thickness) near3 (boom tube tubing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/06/28 14:26
S51	0	S47 and antenna with (wall thickness) with (boom tube tubing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/06/28 14:26
S52	0	S48 and antenna with (wall thickness) with (boom tube tubing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/06/28 14:26
S53	731	(381/370,375,376,381).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/06/28 14:26
S54	0	S53 and antenna with (wall thickness) with (boom tube tubing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/06/28 15:05

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S55	408	(381/370).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/06/28 14:27
S56	12	graham.pa. and antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/06/28 15:04
S57	4	graham.xa. and antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/06/28 15:04
S58	676	(455/575.7).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/06/28 15:05
S59	3	S58 and antenna with (wall thickness) with (boom tube tubing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/06/28 15:05